



IT 314

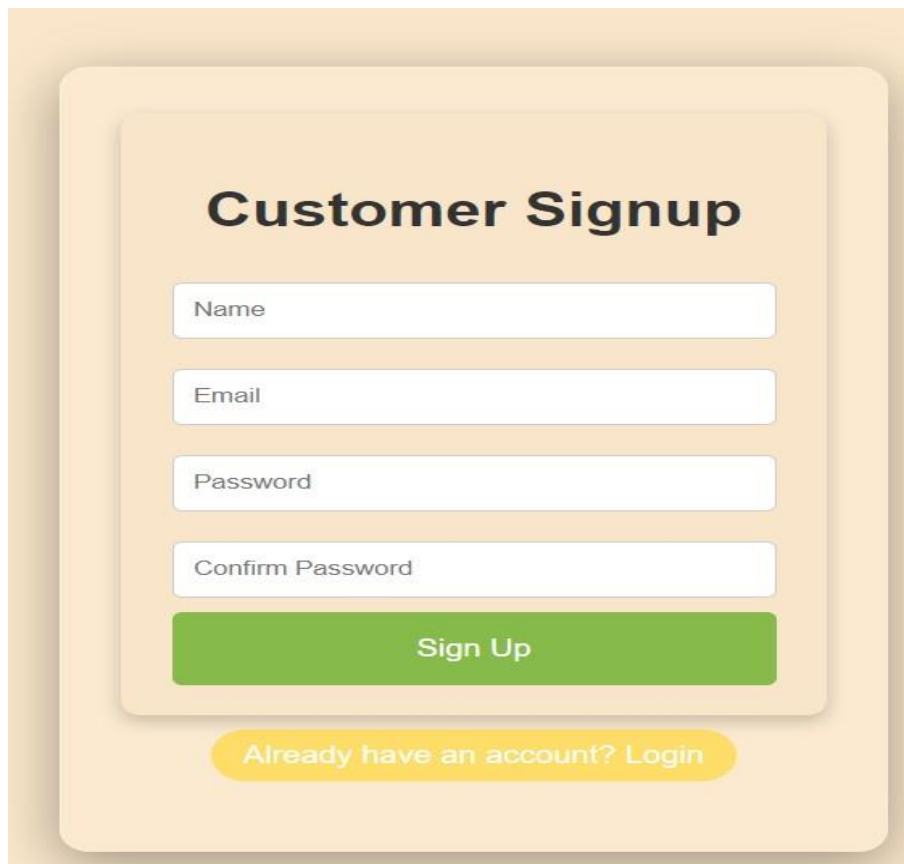
Software Engineering

SPRINT 1 – USER CONTROLLER UNIT TESTING

Fork & Feast

Group 28

## Login and Signup



A customer signup form with a light orange background. The form is centered and contains a title, four input fields, a green submit button, and a link to the login page.

**Customer Signup**

Name

Email

Password

Confirm Password

**Sign Up**

[Already have an account? Login](#)

Input Fields for Signup are as above:-

- Name
- Email-Id
- Password
- Confirm Password

Specifications which we have kept are:- ●

Email should be of the proper form.

- Password must be at least 6 characters long.
- Password should contain at least one uppercase letter.
- Password should contain at least one special character.
- Password should contain at least one numeric character.
- Password should contain at least one lowercase letter.
- Spaces(blanks) are allowed anywhere in the input except the email and the password(and confirm password).
- Leading and trailing spaces in any of the inputs are ignored except the password(and confirm password).

Derived Equivalence Classes

1. Name is alphabetic with space within. (valid).

2. Name is alphabetic without space within. (valid).
3. Name includes numbers (invalid).
4. Name includes special characters (invalid).
5. Name is blank (invalid).
6. Name having leading/trailing spaces. (valid)
7. Email using a standard form (valid).
8. Email without "@" symbol (invalid).
9. Email with multiple "@" symbols. (invalid)
10. Email with special characters after "@".(invalid)
11. Email with double dots in the top-level domain. (invalid) 12.  
Email with an incorrect domain. (invalid)
13. Email without domain. (invalid).
14. Email with space within. (invalid).
15. Email with special characters in the local part. (valid).
16. The email is blank (invalid).
17. Email containing leading/trailing spaces. (valid)
18. The password is blank (invalid).
19. Password containing any spaces. (invalid)
20. Password is less than 6 characters (invalid).
21. The password has 6 or more characters (valid).
22. The password contains no uppercase alphabet (invalid).
23. Password contains uppercase alphabet (valid).
24. The password contains no lowercase alphabet (invalid).
25. Password contains lowercase alphabet (valid).
26. The password contains no special character (invalid).
27. Password contains a special character (valid).
28. Password contains no numbers (invalid).
29. Password contains a number (valid).
30. Confirm Password is the same as the Password (valid).
31. Confirm Password is not the same as the Password  
(invalid).

### 32. Confirm Password containing any spaces. (invalid)

Test Cases:

#	Name	Email	Password	Confirm Password	Expected Outcome	Classes Covered	Valid/Invalid	Comments
1	John Doe	johndoe@gmail.com	Pass@123	Pass@123	T	1, 7, 21, 23, 25, 27, 29, 30	Valid	Works fine
2	AbcDef	user.name+123@gmail.com	Password1!	Password1!	T	2, 15, 21, 23, 25, 27, 29, 30	Valid	Works fine
3	XyZ Abc	email@gmail.com	Secure@456	Secure@456	T	6, 7, 21, 23, 25, 27, 29, 30	Valid	Works fine
4	Single Name	user@gmail.com	S@mpl3!	S@mpl3!	T	2, 7, 18, 21, 23, 25, 27, 29, 30	Valid	Works fine
5	John Doe	user@domain.org	Strong@123	Strong@123	T	1, 12, 21, 23, 25, 27, 29, 30	Valid	Works fine

6	John123	user123@example.com	Pass#1 23	Pass#1 23	T	3	Invalid	Works fine
7	A@	user@example.com	Pass@1 23	Pass@1 23	F	4	Valid	Name includes special

#	Name	Email	Password	Confirm Password	Expected Outcome	Classes Covered	Valid/Invalid	Comments
								characters
8		user@example.com	Password@1	Password@1	F	5	Invalid	Name is blank
9	John Doe	userexample.com	Password@1	Password@1	F	8	Invalid	Email missing "@" symbol
10	Test User	user@@example.com	Pass@1 23	Pass@1 23	F	9	Invalid	Email has multiple "@" symbols
11	John Doe	user@eg!.com	Password@1	Password@1	F	10	Invalid	Email contains special characters after "@" symbol

12	John	user@example..com	Password@1	Password@1	F	11	Invalid	Email has double dots in domain
13	Rocky	rky@	Hey\$1010	Hey\$1010	F	13	Invalid	Email has no domain
14	XYZ	user@examp le.com	Password@1	Password@1	F	14	Invalid	Email has space within

#	Name	Email	Password	Confirm Password	Expected Outcome	Classes Covered	Valid/Invalid	Comments
15	Xy		Pass@123	Pass@123	F	16	Invalid	Email is blank
16	XY	user@example.com			F	18	Invalid	Password is blank
17	Knight	star@sun.com	G m@a11	G m@all	F	19	Invalid	Password contains space
18	Shaan	shawn@eg.com	H0!0h	H0!0h	F	20	Invalid	Password is less than 6 characters

19	Ron	ronny@right.in	pass#7 8	pass#7 8	F	22	Invalid	Password missing uppercase
20	AB	user@example.com	PASSWORD@1	PASSWORD@1	F	24	Invalid	Password missing lowercase
21	XY2	user@example.com	Password123	Password123	F	26	Invalid	Password missing a special character
#	Name	Email	Password	Confirm Password	Expected Outcome	Classes Covered	Valid/Invalid	Comments
22	Another User	user@example.com	Password!	Password!	F	28	Invalid	Password missing a number
23	John Doe	user@domain.com	Password@1	Password@2	F	31	Invalid	Confirm password mismatch
24	John Doe	user@example.com	Pass@123	Pass@123	F	32	Invalid	Confirm password has spaces



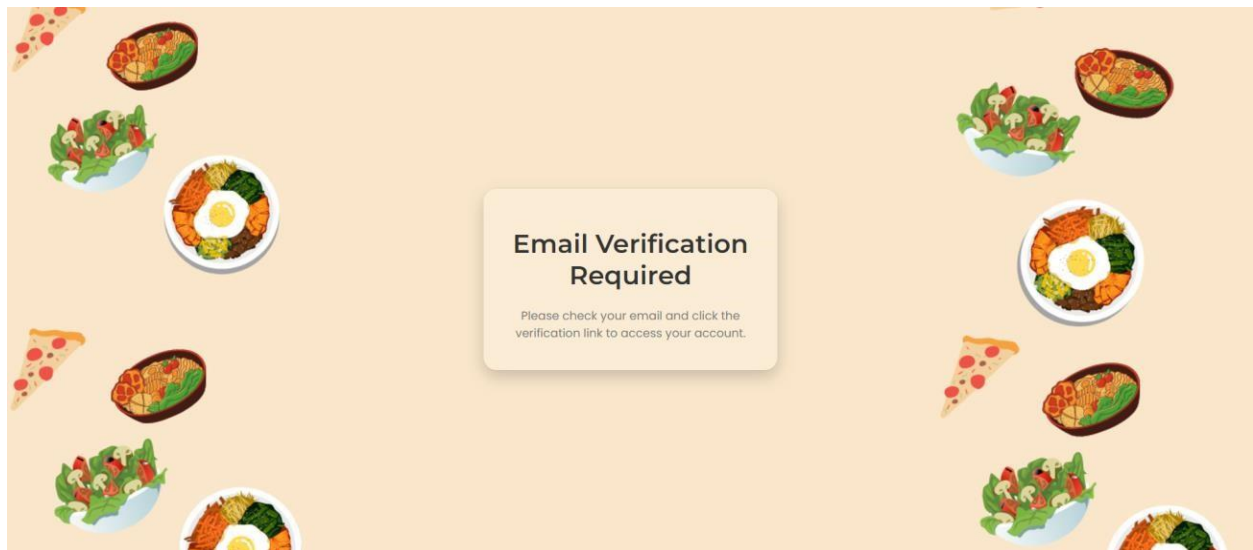
Note: It is to note that we have two users, customers and restaurant owners. So our site also take cares of the fact that the credentials of the customer which are entered through customer side signup/login if entered through the owner side will throw an error and vice-versa as well.

## Acceptance Testing:

Test Case

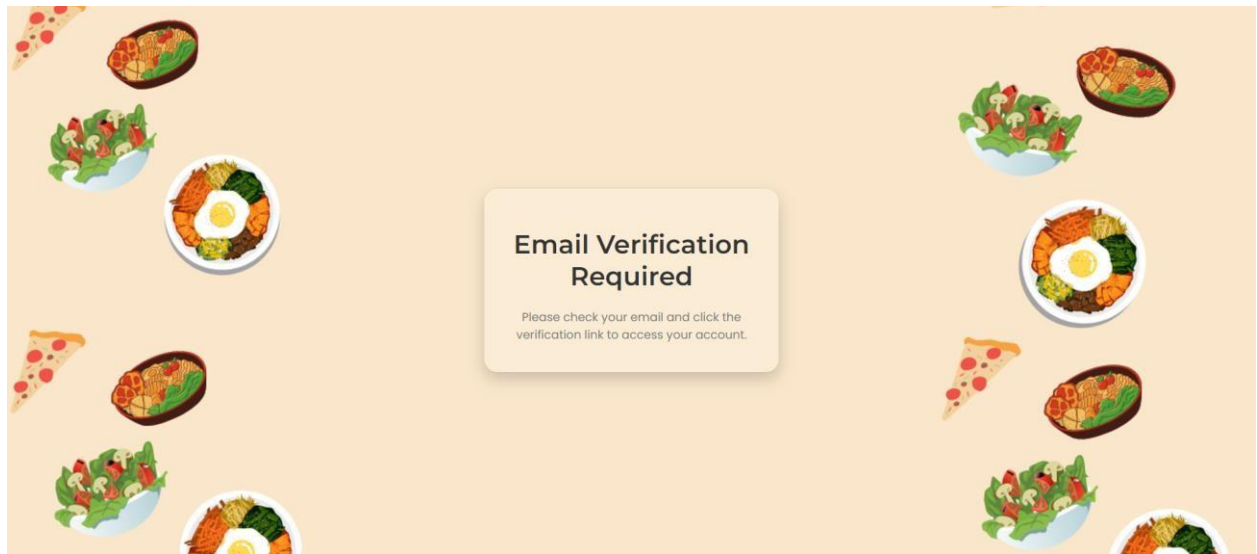
1:

1	John Doe	johndoe@gmail.com	Pass@123	Pass@123	T	1, 7, 21, 23, 25, 27, 29, 30	Valid	Works fine
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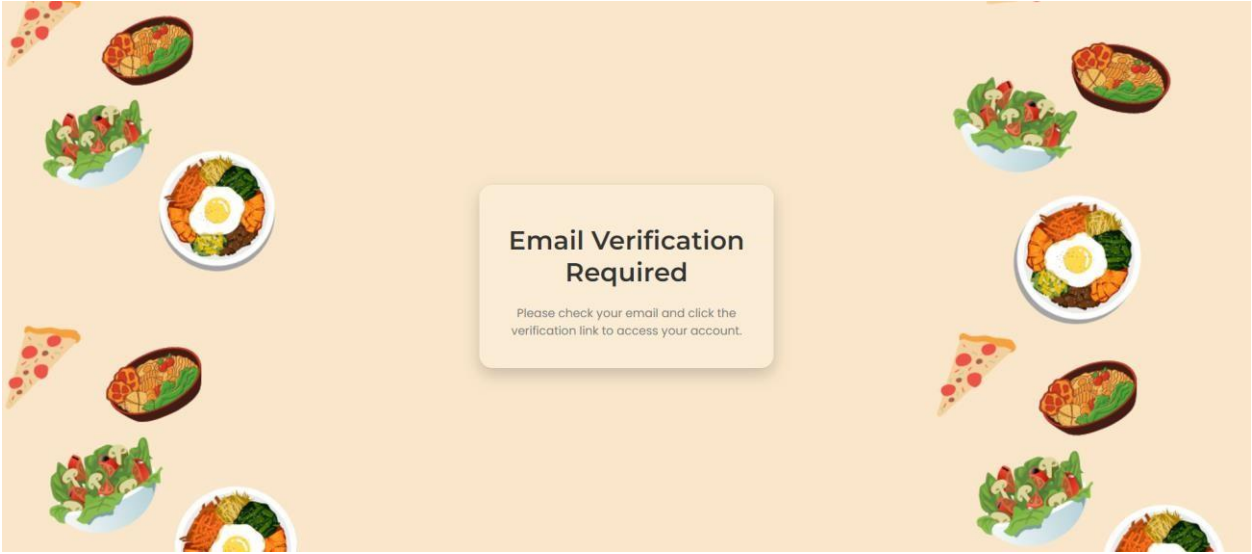
Test Case 2:

2	AbcDef	user.name+123@gmail.com	Password1!	Password1!	T	2, 15, 21, 23, 25, 27, 29, 30	Valid	Works fine
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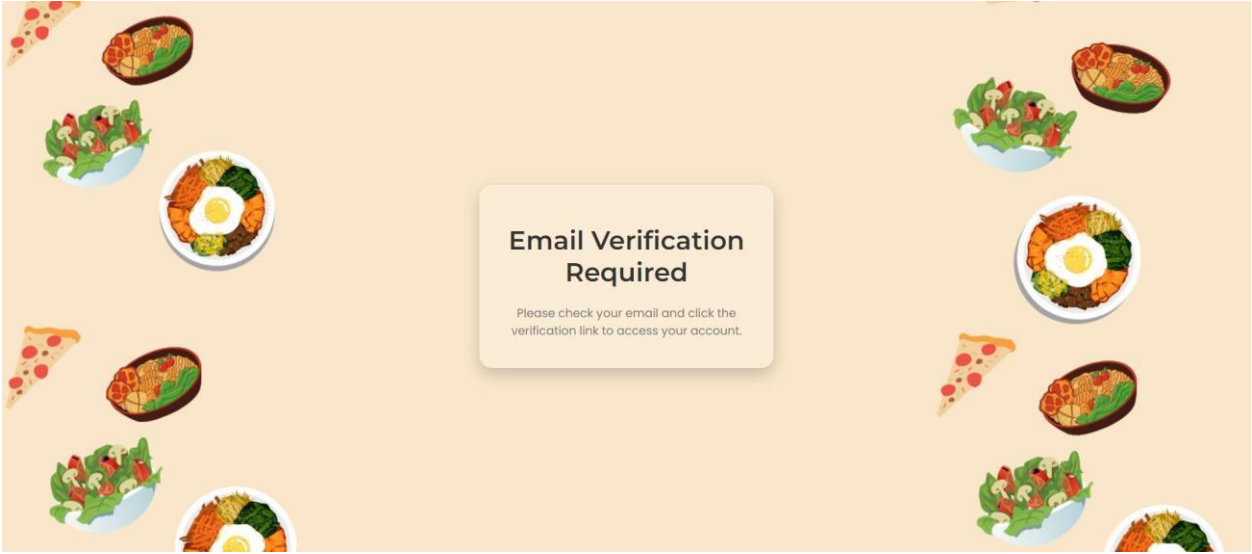
Test Case 3:

3	XyZ Abc	email@gmail.com	Secure@456	Secure@456	T	6, 7, 21, 23, 25, 27, 29, 30	Valid	Works fine
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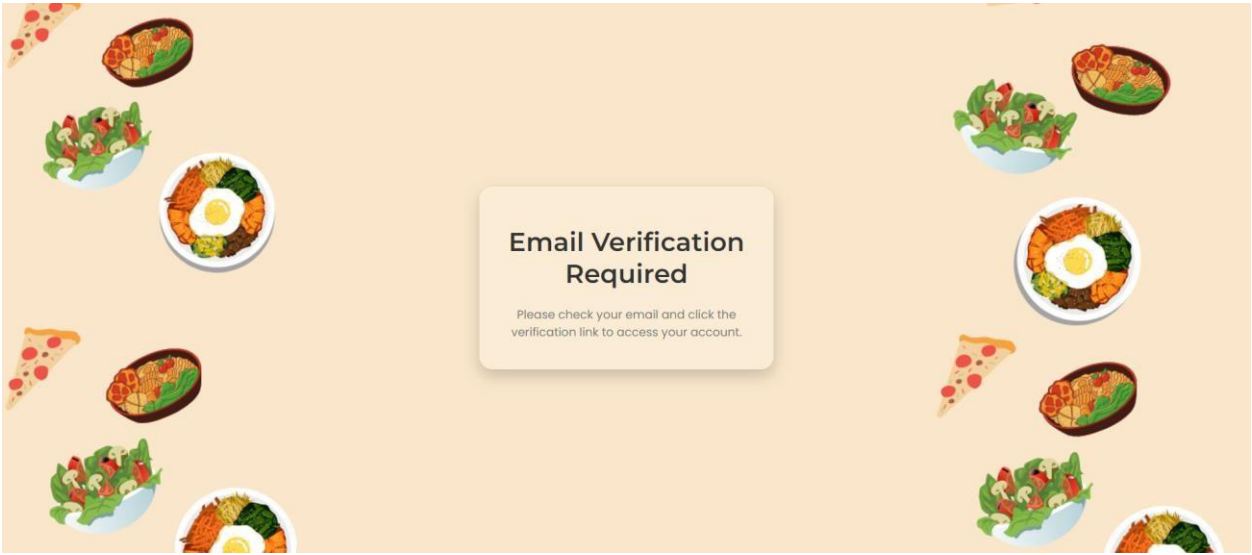
Test Case 4:

4	Single Name	user@gmail.com	S@mpl3 !	S@mpl3 !	T	2, 7, 18, 21, 23, 25, 27, 29, 30	Valid	Works fine
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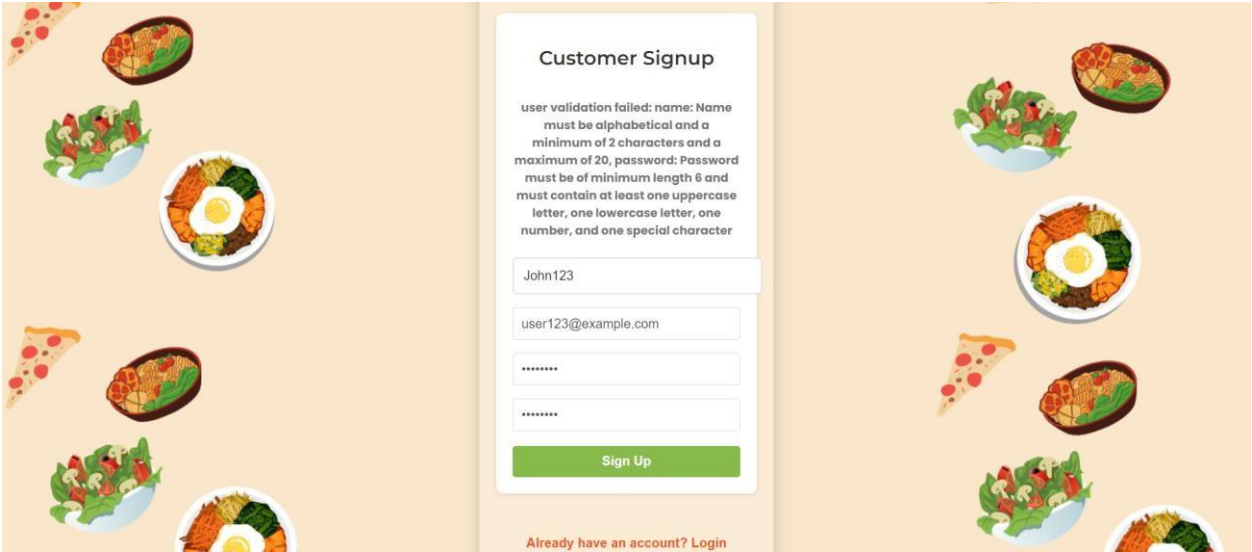
Test Case 5:

5	John Doe	user@domain.org	Strong@123	Strong@123	T	1, 12, 21, 23, 25, 27, 29, 30	Valid	Works fine
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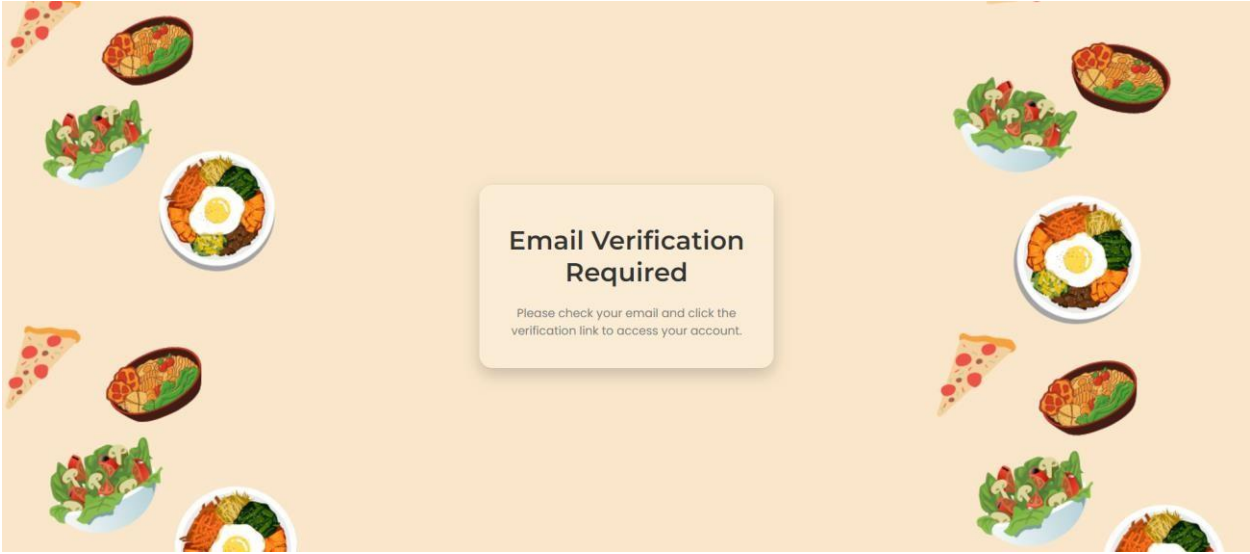
Test Case 6:

6	John123	user123@example.com	Pass#123	Pass#123	T	3	Invalid	Works fine
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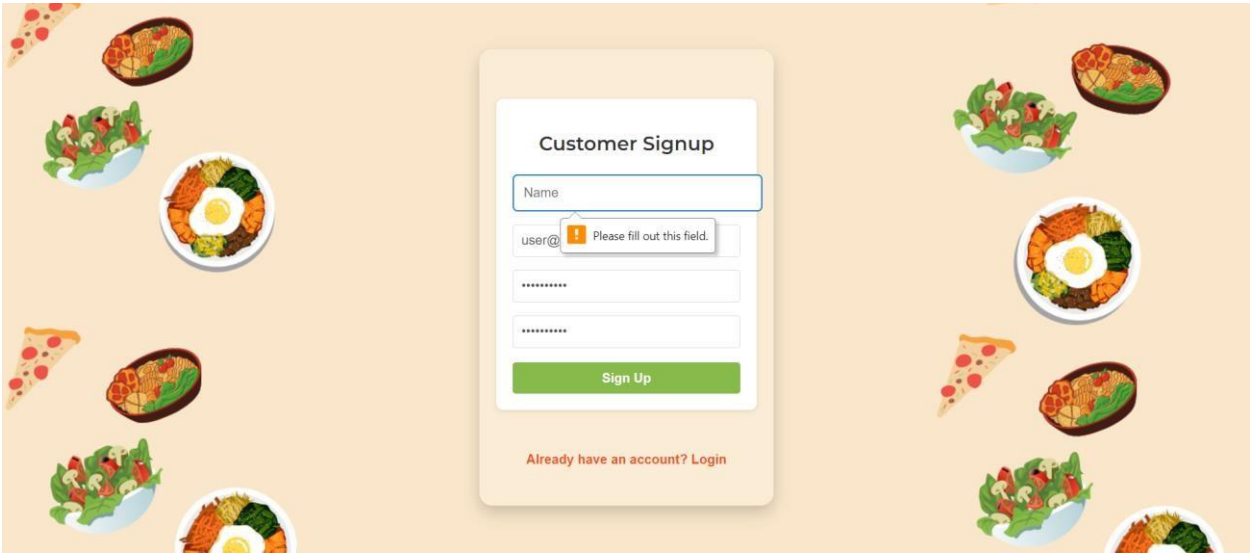
Test Case 7:

7	A@	user@example.com	Pass@123	Pass@123	F	4	Valid	Name includes special characters
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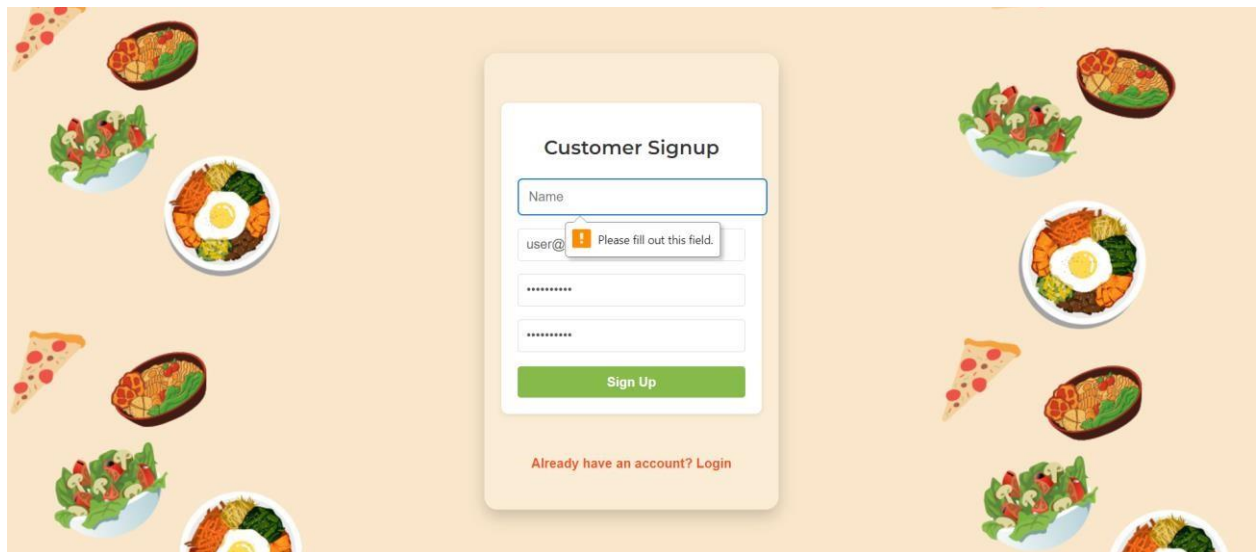
Test Case 8:

8		user@example.com	Password@1	Password@1	F	5	Invalid	Name is blank
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Test Case 9:

9	John Doe	userexample.com	Password@1	Password@1	F	8	Invalid	Email missing "@" symbol
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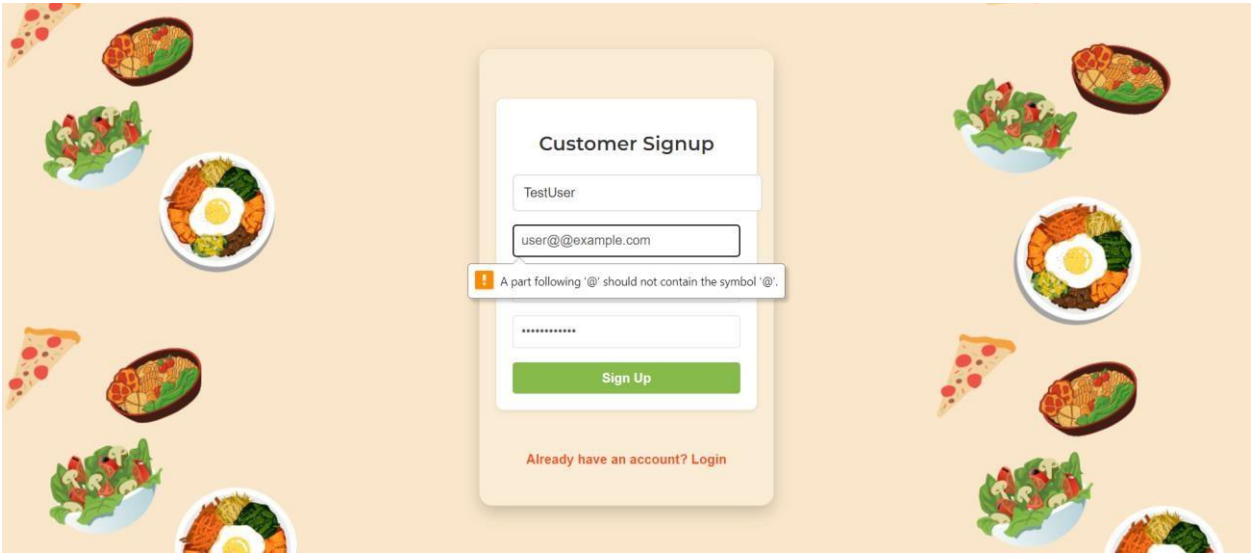


The screenshot shows a 'Customer Signup' form on a light orange background decorated with food icons like pizza, salad, and bowls of food. The form has the following fields and elements:

- Title:** Customer Signup
- Name:** A text input field.
- Email:** A text input field containing 'user@'. A red tooltip with an exclamation mark icon and the text 'Please fill out this field.' is pointing to this field.
- Password:** A text input field with masked characters (dots).
- Confirm Password:** A text input field with masked characters (dots).
- Sign Up:** A green button.
- Footer:** A link that says 'Already have an account? Login'.

Test Case 10:

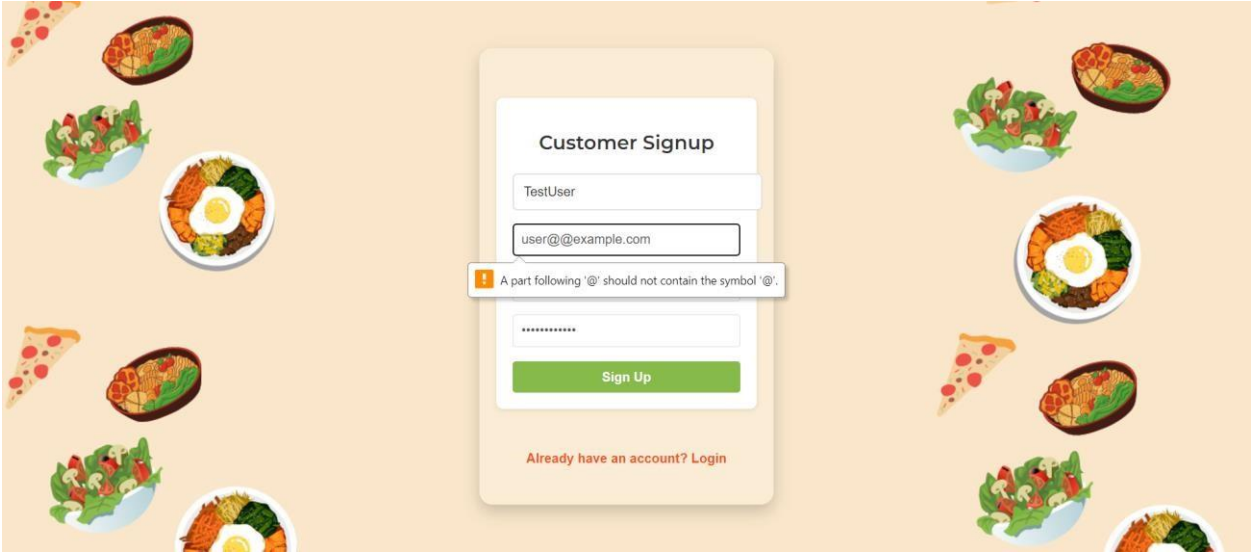
10	Test User	user@@example.com	Pass@123	Pass@123	F	9	Invalid	Email has multiple "@" symbols
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Test Case 11:

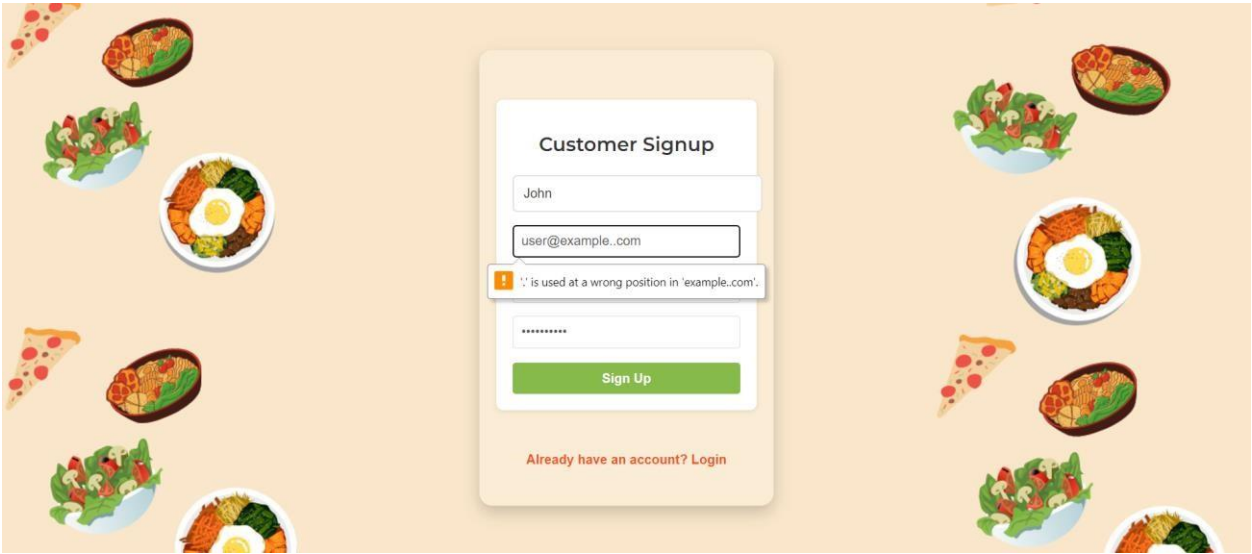
11	John Doe	user@eg!.com	Password@1	Password@1	F	10	Invalid	Email contains special characters after "@" symbol
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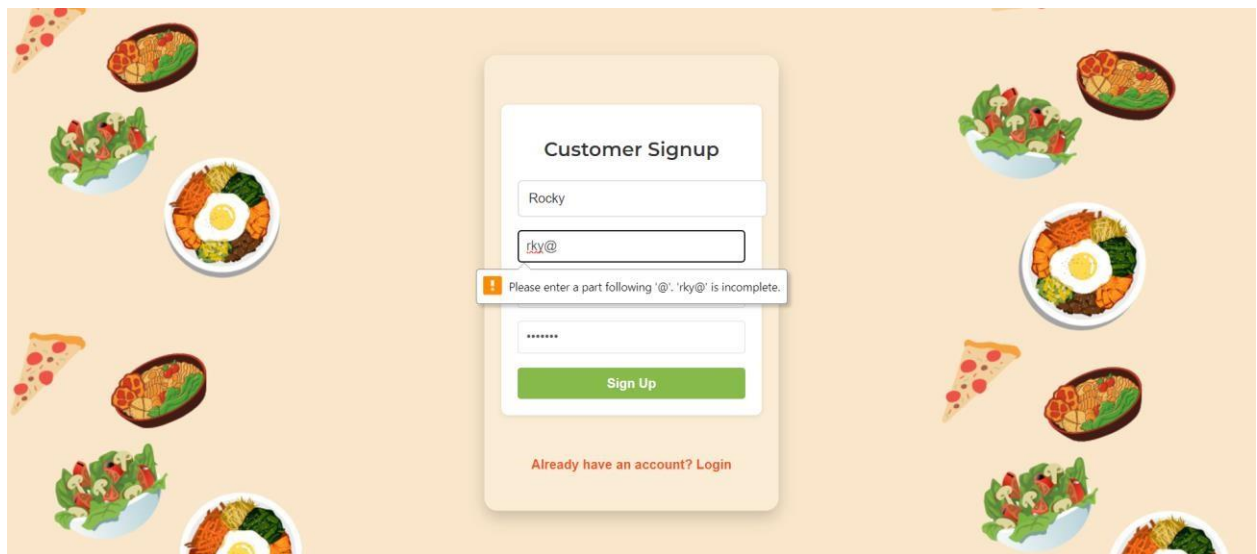
Test Case 12:

12	John	user@example..com	Password@1	Password@1	F	11	Invalid	Email has double dots in domain
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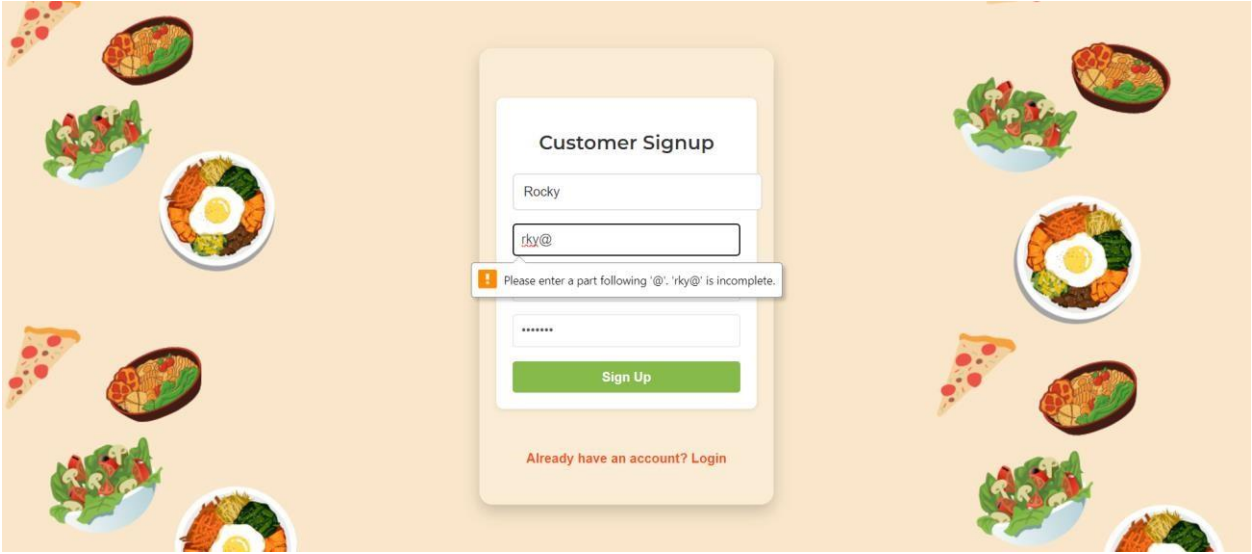
Test Case 13:

13	Rocky	rky@	Hey\$1010	Hey\$1010	F	13	Invalid	Email has no domain
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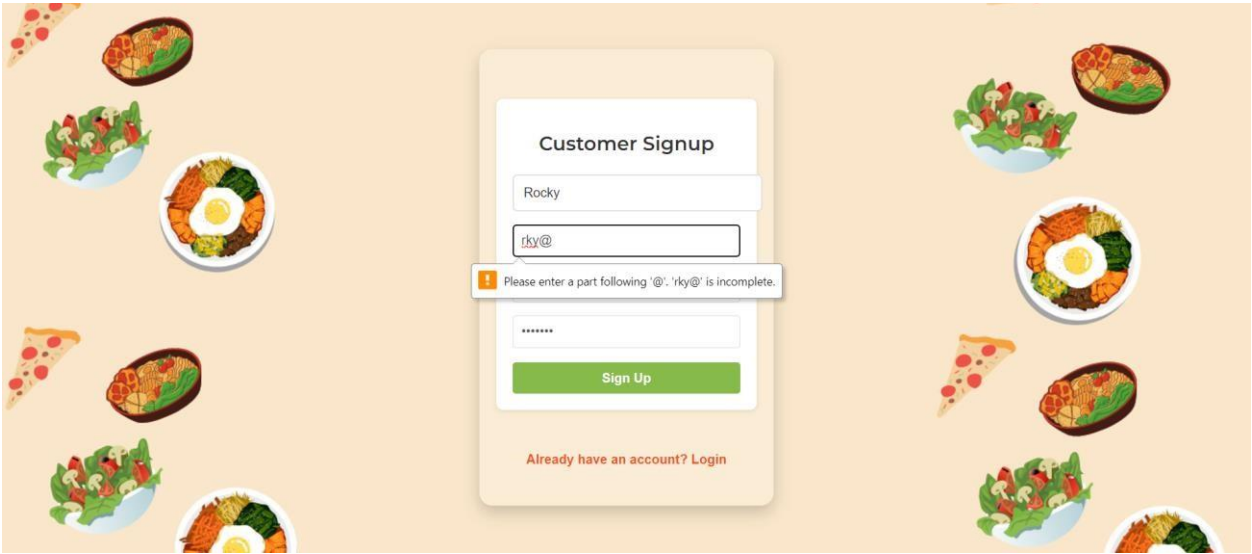
Test Case 14:

14	XYZ	user @example.com	Password@1	Password@1	F	14	Invalid	Email has space within
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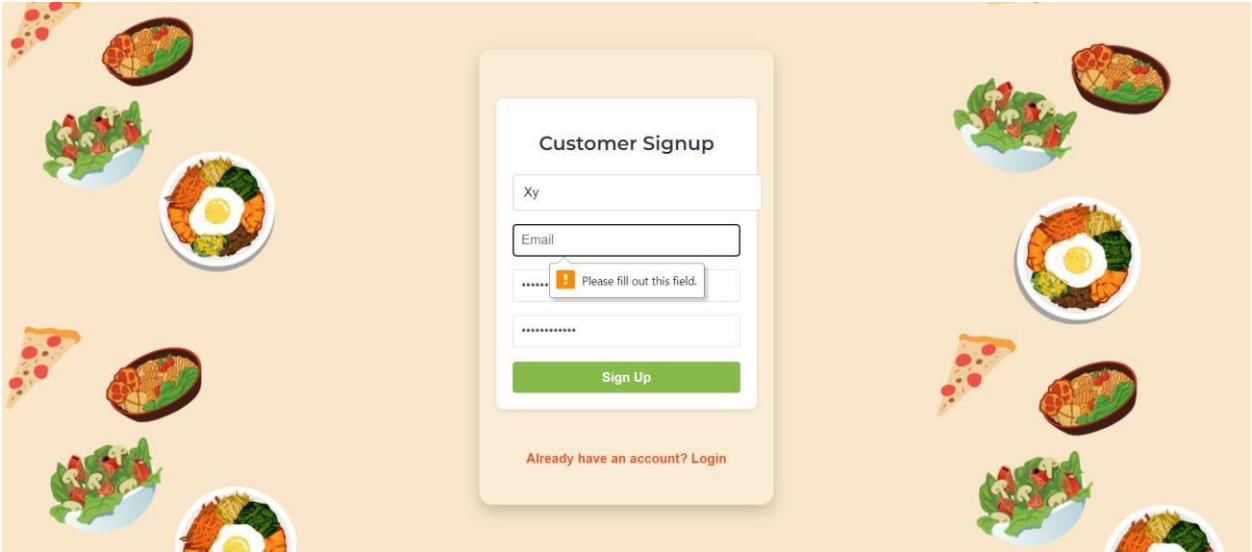
Test Case 15:

15	Xy		Pass@1 23	Pass@1 23	F	16	Invalid	Email is blank
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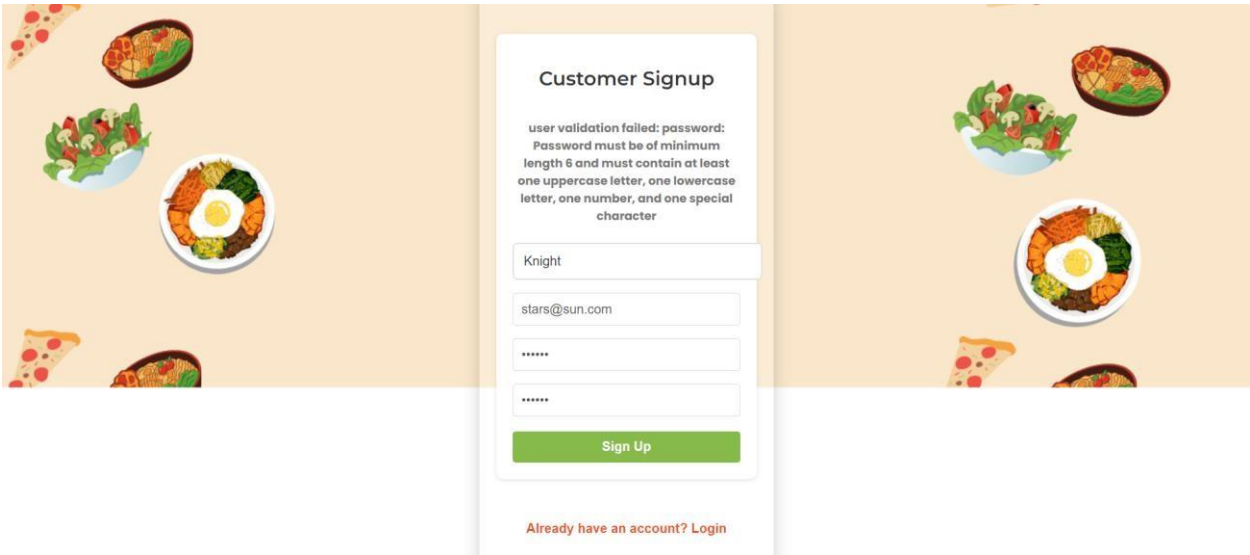
Test Case 16:

16	XY	user@example.com			F	18	Invalid	Password is blank
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Test Case 17:

17	Knight	star@sun.com	G m@a11	G m@all	F	19	Invalid	Password contains space
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The image shows a 'Customer Signup' form on a light orange background decorated with food illustrations like pizza, salad, and bowls of food. The form is a white card with a green 'Sign Up' button. It contains a validation error message: 'user validation failed: password: Password must be of minimum length 6 and must contain at least one uppercase letter, one lowercase letter, one number, and one special character'. The input fields are filled with 'Knight', 'stars@sun.com', and two masked passwords '\*\*\*\*\*'.

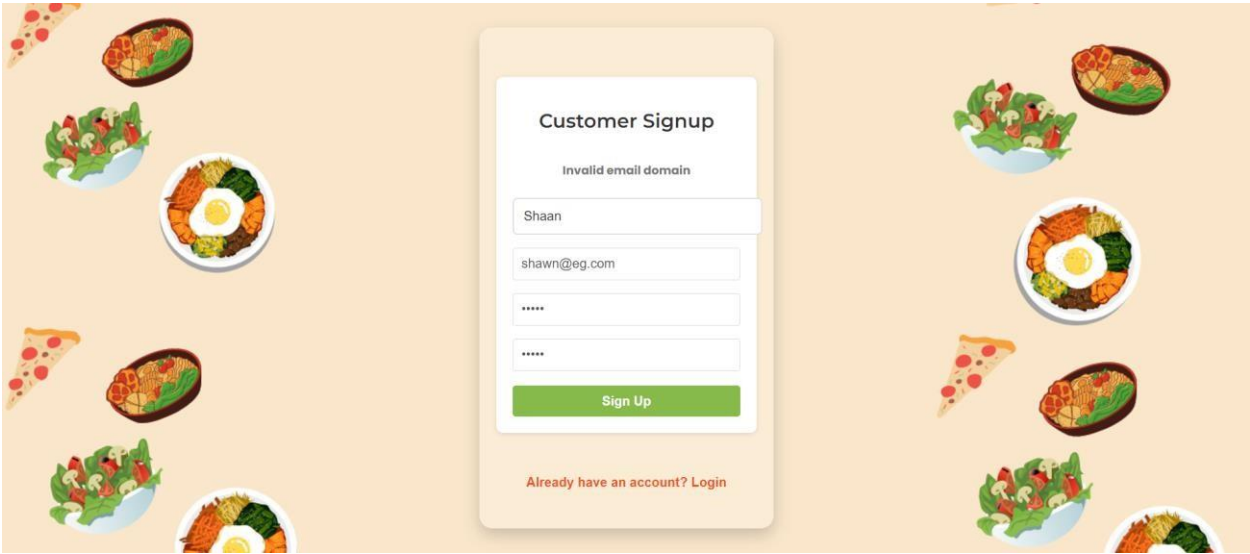
**Customer Signup**

user validation failed: password:  
Password must be of minimum length 6 and must contain at least one uppercase letter, one lowercase letter, one number, and one special character

[Already have an account? Login](#)

Test Case 18:

18	Shaan	shawn@eg.com	H0!0h	H0!0h	F	20	Invalid	Password is less than 6 characters
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The image shows the same 'Customer Signup' form as above, but with a different validation error: 'Invalid email domain'. The input fields are filled with 'Shaan', 'shawn@eg.com', and two masked passwords '\*\*\*\*\*'.

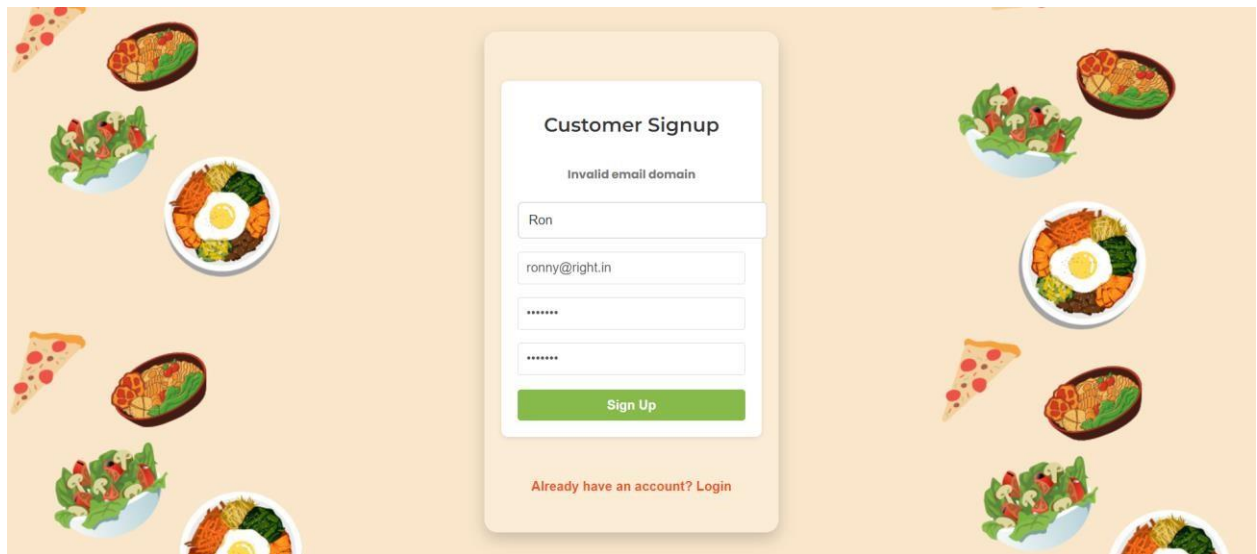
**Customer Signup**

Invalid email domain

[Already have an account? Login](#)

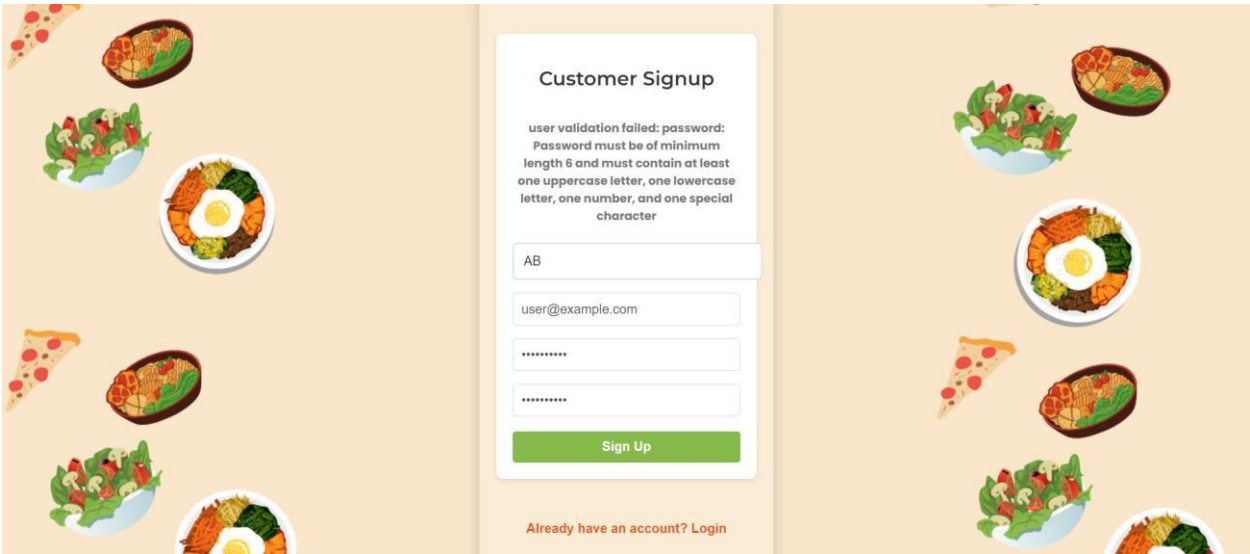
Test Case 19:

19	Ron	ronny@right.in	pass#7 8	pass#7 8	F	22	Invalid	Password missing uppercase
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Test Case 20:

20	AB	user@example.com	PASSWORD@1	PASSWORD@1	F	24	Invalid	Password missing lowercase
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Test Case 21:

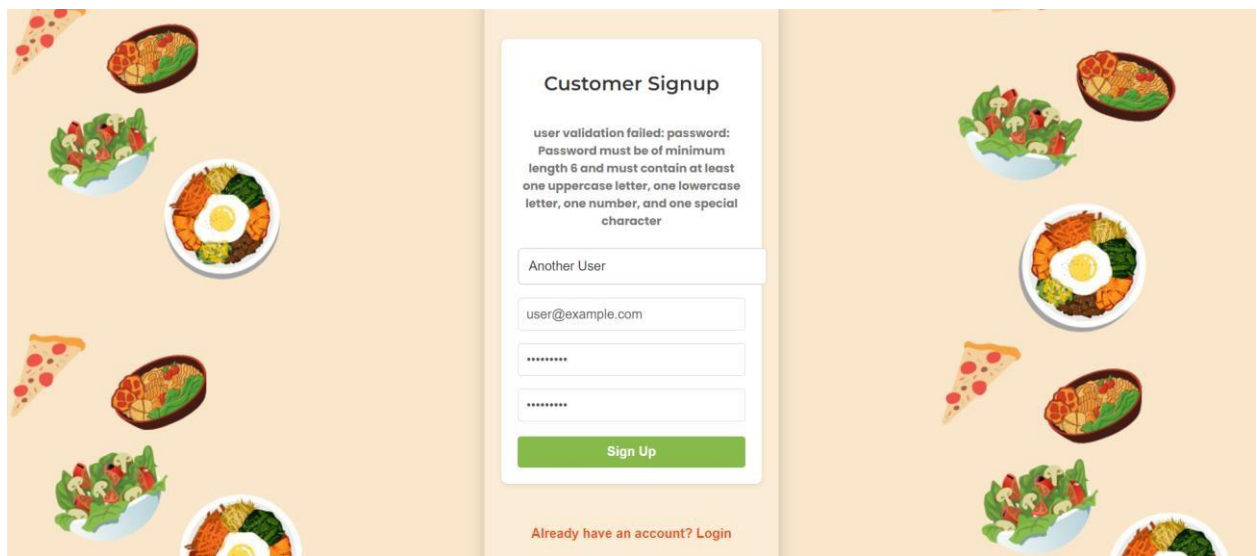
21	XY2	user@example.com	Password123	Password123	F	26	Invalid	Password missing a special character
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Test Case 23:

23	John Doe	user@domain.com	Password@1	Password@2	F	31	Invalid	Confirm password mismatch
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The screenshot shows a web page with a central 'Customer Signup' form. The background is a light orange color decorated with various food icons like pizza, bowls of ramen, and salads. The form is white with a green 'Sign Up' button. An error message is displayed above the password fields: 'user validation failed: password: Password must be of minimum length 6 and must contain at least one uppercase letter, one lowercase letter, one number, and one special character'. The form fields include a name field (containing 'Another User'), an email field (containing 'user@example.com'), and two password fields (both masked with dots). At the bottom of the form is a link that says 'Already have an account? Login'.

Customer Signup

user validation failed: password:  
Password must be of minimum  
length 6 and must contain at least  
one uppercase letter, one lowercase  
letter, one number, and one special  
character

Another User

user@example.com

\*\*\*\*\*

\*\*\*\*\*

Sign Up

Already have an account? Login

Test Case 24:

24	John Doe	user@example.com	Pass@123	Pass@123	F	32	Invalid	Confirm password has spaces
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